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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/799,626	03/15/2004	Shunpei Yamazaki	0756-7263	8416
31780 7:	590 07/03/2006		EXAMINER	
ERIC ROBINSON			SCHILLINGER, LAURA M	
PMB 955 21010 SOUTH	RANK ST		ART UNIT	PAPER NUMBER
POTOMAC FALLS, VA 20165			2813	
			DATE MAILED: 07/03/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

8/	

	Application No.	Applicant(s)				
0.65	10/799,626	YAMAZAKI ET AL.				
Office Action Summary	Examiner	Art Unit				
	Laura M. Schillinger	2813				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	TE OF THIS COMMUNICATION 6(a). In no event, however, may a reply be tim ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	lely filed the mailing date of this communication. (35 U.S.C. § 133).				
Status		•				
1) Responsive to communication(s) filed on 05 Ap	oril 2006.					
	action is non-final.					
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.				
Disposition of Claims						
4)⊠ Claim(s) <u>1-55</u> is/are pending in the application.						
4a) Of the above claim(s) <u>1-10,12-14 and 19-55</u>	is/are withdrawn from considera	tion :				
5) Claim(s) is/are allowed.	is/ard williarawii nom odnoracie					
6)⊠ Claim(s) <u>11 and 15-18</u> is/are rejected.						
7) Claim(s) is/are objected to.		•				
8) Claim(s) are subject to restriction and/or	election requirement					
· · · · · · · · · · · · · · · · · · ·	election requirement.					
Application Papers	•					
9)☐ The specification is objected to by the Examine						
10)☐ The drawing(s) filed on is/are: a)☐ acce	epted or b) \square objected to by the E	Examiner.				
Applicant may not request that any objection to the o						
Replacement drawing sheet(s) including the correcti	on is required if the drawing(s) is obj	ected to. See 37 CFR 1.121(d).				
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12)⊠ Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a)	-(d) or (f).				
a)⊠ All b)□ Some * c)□ None of:						
 Certified copies of the priority documents 	s have been received.					
Certified copies of the priority documents	s have been received in Applicati	on No				
Copies of the certified copies of the prior	ity documents have been receive	ed in this National Stage				
application from the International Bureau	(PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list of	of the certified copies not receive	ed.				
Attachment(s)						
1) X Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date						
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)		atent Application (PTO-152)				
Paper No(s)/Mail Date 3/6/06; 9/30/05; 3/5/04	o) [_] Otilet					

DETAILED ACTION

Election/Restrictions

Applicant's election without traverse of claims 11, 15-18 in the reply filed on 1/17/06 is acknowledged.

Newly submitted claims 39-55 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: the newly added claims constitute a separate and distinct species from that of elected claim 11.

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 39-55 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

Priority

Applicant cannot rely upon the foreign priority papers to overcome this rejection because a translation of said papers has not been made of record in accordance with 37 CFR 1.55. See MPEP § 201.15.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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Claims 11, 15-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Tanaka (US 2004/0119955)

The applied reference has a common inventor with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

Tanaka teaches the following claimed limitations as cited below:

11. (Original) A method for manufacturing a semiconductor device comprising the step of: crystallizing a semiconductor film formed over an insulating surface by irradiating first laser light generated in a pulse oscillation having a wavelength at which an absorption coefficient to the semiconductor film is 1×10^4 cm⁻¹ or more and a second laser light generated in a continuous wave oscillation [0014; 0015];

wherein when the first laser light and the second laser light are irradiated, a region irradiated by the first laser light and a region irradiated by the second laser light are overlapped in such a way that the region irradiated by the first laser light falls within the region irradiated by the second laser light [0014; 0015].

15. (Previously Presented) A method for manufacturing a semiconductor device according to claim 11, wherein the first laser light has a second harmonic [0020].

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16. (Previously Presented) A method for manufacturing a semiconductor device according to claim 11, wherein the second laser light has a fundamental wave [0018].

17. (Currently Amended) A method for manufacturing a semiconductor device according to claim 11, further comprising the step of performing a heating process to the semiconductor film [0017].

18. (Original) A method for manufacturing a semiconductor device according to claim 17, wherein the heating process is performed using a gas RTA [0017].

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 11, 15-18 are further rejected under 35 U.S.C. 102(b) as being anticipated by Taketomi et al ('397).

Taketoni teaches the following claimed limitations as cited below:

11. (Original) A method for manufacturing a semiconductor device comprising the step of: crystallizing a semiconductor film formed over an insulating surface by irradiating first laser light generated in a pulse oscillation having a wavelength at which an absorption coefficient to

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the semiconductor film is 1×10^4 cm⁻¹ (Col.2 ,lines: 40-50) or more and a second laser light generated in a continuous wave oscillation [Col.21, lines: 40-50];

wherein when the first laser light and the second laser light are irradiated, a region irradiated by the first laser light and a region irradiated by the second laser light are overlapped in such a way that the region irradiated by the first laser light falls within the region irradiated by the second laser light [Col.21, lines: 35-55].

- 15. (Previously Presented) A method for manufacturing a semiconductor device according to claim 11, wherein the first laser light has a second harmonic [inherent- light will reflect causing a harmonic].
- 16 (Previously Presented) A method for manufacturing a semiconductor device according to claim 11, wherein the second laser light has a fundamental wave [Col.21, lines: 35-55- the continuous wave laser will have a fundamental wave].
- 17. (Currently Amended) A method for manufacturing a semiconductor device according to claim 11, further comprising the step of performing a heating process to the semiconductor film [Col.22, lines: 10-20].
- 18. (Original) A method for manufacturing a semiconductor device according to claim 17, wherein the heating process is performed using a gas RTA [Col.22, lines: 10-20].

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura M. Schillinger whose telephone number is (571) 272-1697. The examiner can normally be reached on M-T, R-F 7:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl W. Whitehead, Jr. can be reached on (571) 272-1702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

06/20/06

Laura M Schillinger Primary Examiner

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